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PART I

Punjab Government Notifications and Orders

PUNJAB POLLUTION CONTROL BOARD

VATAVARAN BHAWAN, NABHA ROAD, PATIALA

Office Order

The 3rd March, 2023

No.88.-In exercise of the power conferred under Sub-Section (2) of Section 17 read with Sub-Section (4) of the Water (Prevention and Control of Pollution) Act, 1974 (Act, 6 of 1974) along with Rule 26 of Punjab State Board for the prevention and control of Water Pollution Rules, 1977, and under sub-section(2) of section 17, Sub-Section 2 (b) of Section 28 of Air (Prevention and Control of Pollution) Act, 1981 (Act, 14 of 1981), read with Rules 13 and 14 of Punjab State Board for the prevention and control Air Pollution Rules, 1983, the Punjab Pollution Control Board has established the laboratories for analysis of various types of wastewater, hazardous waste, air emission, source emission, soil samples and for noise monitoring and ambient air quality monitoring at different places in the State of Punjab as mentioned in Schedule-1;

Whereas, in exercise of power conferred under the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981, the Central Pollution Control Board has also established the Laboratories at different places in the Country at Delhi, Kolkata, Vadodara, Luck now, Bangalore, Bhopal, Shillong etc.;

and Whereas the Ministry of Environment, Forest and Climate Change (MOEF & CC) Government of India vide notification No. Legal/42/(3)/07 dated 24.10.2016 has notified the sampling and analysis charges to be levied by the Central Pollution Control Board, New Delhi for different Parameters of Pollutants, Sampling of water, waste water, Soil, Hazards waste, air/fugitive emissions, source emission, noise monitoring, monitoring air ambient, air quality etc.;

and Whereas the Punjab Pollution Control Board has examined the sampling and analysis charges notified by the Ministry of Environment, Forest and Climate Change (MOEF & CC) and the Punjab Pollution Control Board, vide notification dated 24.10.2016 and the rates notified by the Punjab Pollution Control Board in the year 2010 vide office order no. Lab/R-12/2010/323 dated 9-1-2010;

and Whereas the PPCB in endeavoring to bring the sampling charges at par with the rates notified by the MOEF & CE vide Notification no. Legal/42(3)/87 dated on 24.10.2016, expect the charges for grab sampling which is kept higher due to some Local reasons including the collection, transportation and man power involved and keeping in view inflation, increase in the cost of chemicals, glassware, transportation, consumable, salary components of PPCB officials etc.;

and Whereas, the matter was placed before the Board in its 190th meeting held on 30.09.2022 has approved the revised rates of sampling/analysis charges in accordance with the charges notified by the Ministry of Environment, Forest and Climate Change expect the charges for grab sampling, which are kept marginally higher;

Therefore, the fee payable to PPCB, Laboratories as per Schedule: I, in respect of each report of analysis for various analytical parameters and sampling charges for the water, wastewater, soil, hazardous waste, air/fugitive emission, source emission, noise monitoring and ambient air quality monitoring shall be as per Schedule II:

Schedule I

SCHEDULE OF BOARD'S LABORATORIES

Sr. No.	Place	Address
<u>1</u>	Patiala	Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala 147001, Punjab, India.
<u>2</u>	Ludhiana	Punjab Pollution Control Board, E-648-B, 2nd Floor, Phase-5, Focal Point, Ludhiana
<u>3</u>	Jalandhar	Punjab Pollution Control Board, SCF 16-17, SUS Nagar, Furniture Market Jalandhar

Schedule II

A. SAMPLING CHARGES

(I) sampling charges for Ambient Air/Fugitive emission samples

S.No.	Type of sampling	PPCB proposed charges
1.	Air Monitoring	
	(a) Sampling (upto each 8 hrs) for suspended particulate matter and gaseous pollutants	3500
	(b) Sampling (24hrs) for suspended particulate matter and gaseous pollutants	10500
	(c) Sampling of Volatile Organic Compounds (VOCs)/ Benzene Toluene Xylene (BTX)	3500
	(d) Sampling of PolyAromatic Hydrocarbons (PAHs)	4400
	(e) Sampling (24 hrs using PUF HVS) of Ambient Air for Dioxin-Furan(PCDDs-PCDFs) congeners	15000

(II) Source Emission Monitoring/Sampling charges**1. SourceEmissionMonitoring**

(a) Sampling/measurement of Velocity, Flow rate, temperature and molecular weight of Flue Gas(each specific location/each sample in duplicate for the mentioned parameter)	9600
(b) Sampling of SO ₂ /NO ₂	3500
(c) Sampling of Volatile Organic Compounds (VOCs)/Benzene Toluene Xylene (BTX)	5300
(d) Sampling of PolyAromaticHydrocarbons(PAHs)	6200
(e) Sampling of emission from stationary source for Dioxin-Furan (PCDDs-PCDFs)congener susing Manual Sampling Kit	25000

(III) Noise Monitoring

(a) First Monitoring	7000
(b) Each Subsequent Monitoringwithinsamepremises	3500
(c) For 08hours Continuous Monitoring or more	18000

Note(i) Transportation charges will be separate as per actual basis for sampling under clause-I,II& III.

(ii) Sample analysis charges of respective parameters are separate as per list.

(IV) Samplingchargesfor Water& Wastewatersamples

S.No.	Type of sampling	PPCB proposed charges
1.	GRABSAMPLING:	
	1) Grab sampling/sample/place	1500
	2) For every additional Grab sampling/same place	500
2.	COMPOSITE SAMPLING:	
	1) Composite sampling/source/place upto8hrs.	1800
	-do- upto 16 hrs.	3500
	-do- upto 24 hrs.	5300
	2) For every additional composite sampling/same place but different source upto 8hrs.	960
	-do - upto 16 hrs.	2000
	-do - upto 24 hrs.	2900
3	FlowRate measurement/source -once	700
	-do- -every additional	270

(V) Sampling charges for Soil samples

S.No.	Type of sampling	PPCB proposed charges
1	Grab sampling/sample/place	2000
2	For additional Grab sampling/same place	530

(VI) Hazardous Waste Sample collection charges at the premises of Industry/Import site/Disposal site

S.No.	Type of sampling	PPCB proposed charges
1	Integrated sample collection charges	1800

Note (i) Transportation charges will be separate as per actual basis for sampling under clause-I,II & III.

(ii) Sample analysis charges of respective parameters are separate as per list.

B. ANALYSIS CHARGES		
(I) Analysis charges of Ambient Air/Fugitive Emission Samples		
S.No.	Parameters	PPCB proposed charges
1	Ammonia	1050
2	Analysis using dragger (per tube)	700
3	Benzene Toluene Xylene (BTX)	1800
4	Carbon Monoxide	1050
5	Chlorine	1050
6	Fluoride (gaseous)	1050
7	Fluoride (particulate)	1050
8	Hydrogen Chloride	1050
9	Hydrogen Sulphide	1050
10	Lead & Other metals (per metal)	As mentioned in respective groups under Clause V
11	NO ₂	1050
12	Ozone	1800
13	Poly Aromatic Hydrocarbons (PAHs)	As mentioned in respective groups under Clause V
14	Suspended Particulate Matter (SPM)	1050
15	Particulate Matter (PM _{2.5})	1800
16	Respirable Suspended Particulate Matter (PM ₁₀)	1050
17	Sulphur Dioxide	1050
18	Volatile Organics Carbon	3500

(II) Analysis Charges for Source Emission Parameters

S.No.	Parameters	Charges to be levied (in rupees)
1	Acid Mist	1050
2	Ammonia	1050
3	Carbon Monoxide	1050
4	Chlorine	1050

5	Fluoride (Gaseous)	1050
6	Fluorides (Particulate)	1050
7	Hydrogen Chloride	1050
8	Hydrogen Sulphide	1050
9	Oxides of Nitrogen	1050
10	Oxygen	880
11	Polycyclic Aromatic Hydrocarbons (Particulate)	As mentioned in respective groups under Clause V
12	Suspended Particulate Matter	1050
13	Sulphur Dioxide	1050
14	Benzene Toluene Xylene(BTX)	2700
15	Volatile Organic Compounds(VOCs)	5300

(IV) Auto Exhaust Monitoring-One time checking of vehicular exhaust

S.No.	Parameters	PPCB proposed charges
1	Carbon Monoxide %	As per rate notified by Punjab State Transport Department
2	Hydrocarbon, PPM	
3	Smoke Density, HSU	

Analysis charges of Water & Wastewater samples

S.No.	Parameters	PPCB proposed charges
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PHYSICAL PARAMETERS

1	Conductivity	110
2	Odour	110
3	SludgeVolumeIndex(S.V.I.)	350
4	Solids(dissolved)	180
5	Solids(fixed)	270
6	Solids(volatile)	270
7	Suspended Solids	180
8	Temperature	110
9	Total Solids	180
10	Turbidity	110

CHEMICAL PARAMETERS

Inorganic		
1	Acidity	180
2	Alkalinity	180
3	AmmonicalNitrogen	350
4	Bicarbonates	180
5	BiochemicalOxygenDemand (BOD)	1050

6	Bromide	180
7	Calcium (titrimetric)	180
8	Carbon Dioxide	180
9	Carbonate	180
10	Chloride	180
11	Chlorine Demand	350
12	Chlorine Residual	180
13	Chemical Oxygen Demand(COD)	620
14	Cyanide	620
15	Detergent	350
16	Dissolved Oxygen	180
17	Fluoride	350
18	Hardness (calcium)	180
19	Hardnessn (total)	180
20	Iodide	180
21	Nitrate Nitrogen	350
22	Nitrite Nitrogen	350
23	Percent Sodium	1050
24	pH	110
25	Phosphate (ortho)	350
26	Phosphate (total)	620
27	Salinity	180
28	Sodium Absorption Ratio(SAR)	1050
29	Settlable Solids	180
30	Silica	350
31	Sulphate	270
32	Sulphide	350
33	Total Kjeldahl Nitrogen(TKN)	620
34	Urea Nitrogen	620
Metals		
	Processing/pre-treatment Charge per Sample	880
1	Aluminium	530
2	Antimony	530
3	Arsenic	530
4	Barium	530
5	Boron	530
6	Cadmium	530
7	ChromiumHexavalent	350
8	ChromiumTotal	530
9	Cobalt	530
10	Copper	530
11	Iron	530

12	Lead	530
13	Magnesium	350
14	Manganese	530
15	Mercury(Processing&Analysis)	1400
16	Molybdenum	530
17	Nickel	530
18	Potassium	350
19	Tin	530
20	Selenium	530
21	Silver	530
22	Sodium	350
23	Vanadium	530
24	Zinc	530
	Any other metal (facility available with PPCB)	530
S.No.	Parameters	PPCB proposed charges
	Organics	
1	Oil & Grease	350
2	Phenol	350
	Pesticides	
	Processing / pretreatment Charges per Sample (in rupees)	
1	Aldrin	700
2	Dieldrin	700
3	Endosulfan-I	700
4	Endosulfan-II	700
5	o,p-DDT (4,4 DDT)	700
6	Anilophos	700
7	Gamma BHC (Lindane)	700
8	Alpha BHC	700
9	Beta BHC	700
10	Chlorpyrifos	700
11	Malathion	700
	Any other pesticide (facility available with PPCB)	700
	BIOLOGICAL TEST	
1	Benthos Organism Identification&Count(each sample)	1050
2	Benthos Organism Sample collection	1800
3	E.Coli (MPN technique)	620
4	Faecal Coliform (MPN technique)	620
5	Faecal Streptococci (MPN technique)	700
6	Total Coliform (MPN technique)	620
7	Toxicological-Bio-assay (LC50)	4900

Note:

(i) Sampling charges for water and waste water samples are separate as specified in clause A (IV), but subject to minimum of Rs.700/-irrespective of number of samples.

(ii) Transportation charges are separate on actual basis.

(VI) Analysis charges of Soil/Sludge/Sediment/ Solid waste samples

Sr. no.	Parameters	PPCB proposed charges
1	Ammonia	530
2	Bicarbonates	350
3	Boron	700
4	Calcium	270
5	CalciumCarbonate	620
6	Chloride	270
7	Electrical Conductivity(EC)	175
8	Exchangeable Sodium Percentage(ESP)	960
9	Magnesium	530
10	Nitrate	530
11	Nitrite	530
12	OrganicCarbon/Matter(chemicalmethod)	620
13	pH	175
14	Phosphate(total)	700
15	Potassium	530
16	Sodium Absorption Ratio(SAR)in Soil extract	1140
17	Sodium	530
18	Soil Moisture	175
19	Sulphate	350
20	Total Kjehldhal Nitrogen(TKN)	700
21	TOC	960
22	Total water soluble salts	350
23	Water Holding capacity	175

(VII) Analysis charges for Hazardous Waste samples

Sr. no.	Parameters	Charges to be levied (in rupees)
1	Preparation of Leachate (TCLP extract/Water Extract)	1750
2	Determination of various parameters in Leachate	As mentioned in respective groups under Clause
3	Flash point/Ignitibility	960
4	Reactivity	960
5	Corrosivity	960
6	- LC50	4900

PART I]	PUNJAB GOVT. GAZ., JUNE 14, 2024 (JYST 24, 1946 SAKA)	366
7	Total Organic Carbon	880
8	Absorbable Organic Halogen (AOX)	3500

Note:-

- i) The order will come into force with immediate effect.
- ii) The office order no. Lab/R-12/2010/323 dated 9.1.2010 earlier issued by the Board stands superseded by the present office order

(PROF. (DR.) ADARSH PAL VIG)

Chairman